SIEMENS

Data sheet



key-operated switch Siemens, 22 mm, round, plastic with metal front ring, lock number SSG10, with 2 keys, 3 switch positions I-O<II, left latching, momentary contact type on the right, actuating angle $2x45^{\circ}$, 10:30h/12h/13:30h, key removal O+I, with laser labeling, lower case

| product designation design of the product product type designation product type designation product tine manufacturer's article number of included key Actuator principle of operation of the actuating element product stension optional light source of the actuating element material of the actuating element material of the actuating element marking of the actuating element Any inscription, text in lower case actuating angle clockwise clockwise distribution actuating angle clockwise senticlockwise for initive your product component front ring design of the front ring product component front ring design of the front ring color of the front ring material of the front ring general technical data protection class IP of the terminal P20 for railway applications according to EN 61373 Category 1, Class B 1800 Hz. 59 Category 1, Class B | product brand name | SIRIUS ACT |
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| protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B operating frequency maximum 1800 1/h | material of the front ring | Metal, matt |
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| ● of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance ● according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms ● for railway applications according to EN 61373 Category 1, Class B vibration resistance ● according to IEC 60068-2-6 ● for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h | General technical data | |
| degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h | protection class IP | IP66, IP67, IP69(IP69K) |
| shock resistance • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h | of the terminal | IP20 |
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| for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B Category 1, Class B 10 500 Hz: 5g Category 1, Class B Operating frequency maximum 1 800 1/h | shock resistance | |
| vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h | according to IEC 60068-2-27 | sinusoidal half-wave 15g / 11 ms |
| • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h | for railway applications according to EN 61373 | Category 1, Class B |
| • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h | vibration resistance | |
| operating frequency maximum 1 800 1/h | • according to IEC 60068-2-6 | 10 500 Hz: 5g |
| | for railway applications according to EN 61373 | Category 1, Class B |
| mechanical service life (operating cycles) typical 1 000 000 | operating frequency maximum | 1 800 1/h |
| | mechanical service life (operating cycles) typical | 1 000 000 |

| reference code according to IEC 81346-2 | S | |
|---|--|--|
| Substance Prohibitance (Date) | 10/01/2014 | |
| Safety related data | | |
| B10 value with high demand rate according to SN 31920 | 300 000 | |
| proportion of dangerous failures | | |
| with low demand rate according to SN 31920 | 20 % | |
| with high demand rate according to SN 31920 | 20 % | |
| failure rate [FIT] with low demand rate according to SN 31920 | 100 FIT | |
| Ambient conditions | | |
| ambient temperature | | |
| during operation | -25 +70 °C | |
| during storage | -40 +80 °C | |
| environmental category during operation according to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%) | |
| Installation/ mounting/ dimensions | | |
| height | 29.5 mm | |
| width | 29.5 mm | |
| shape of the installation opening | round | |
| mounting diameter | 22.3 mm | |
| positive tolerance of installation diameter | 0.4 mm | |
| mounting height | 61 mm | |
| installation width | 29.5 mm | |
| installation depth | 25.4 mm | |
| Certificates/ approvals | | |
| Further information | | |

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-5BN51-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5BN51-0AA0-Z Y12

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5BN51

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5BN51-0AA0-ZY12&lang=en

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